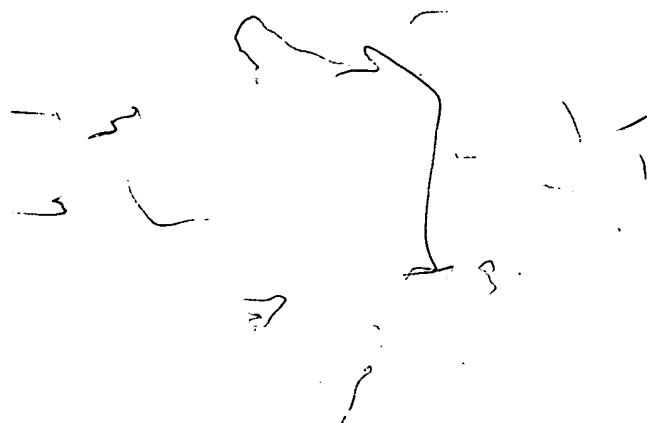5040

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10 517,956

Source: PCT/

Date Processed by STIC: 12-28-04

ENTERED

RAW SEQUENCE LISTING   DATE: 12/28/2004
PATENT APPLICATION: US/10/517,956   TIME: 11:41:47

Input Set : A:\PTO.YF.txt
Output Set: N:\CRF4\12282004\J517956.raw

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      2 <110> APPLICANT: Takeda Chemical Industries, Ltd.
      4 <120> TITLE OF INVENTION: Novel Screening Method
      6 <130> FILE REFERENCE: 3067WOOP
C-->  8 <140> CURRENT APPLICATION NUMBER: US/10/517,956
C-->  8 <141> CURRENT FILING DATE: 2004-12-13
      8 <150> PRIOR APPLICATION NUMBER: JP 2002-173798
      9 <151> PRIOR FILING DATE: 2002-06-14
     11 <150> PRIOR APPLICATION NUMBER: JP 2002-205470
     12 <151> PRIOR FILING DATE: 2002-07-15
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     25              20                  25                  30
     26 Leu Gly Val Thr Phe Val Leu Gly Val Leu Gly Asn Gly Leu Val Ile
     27          35                  40                  45
     28 Trp Val Ala Gly Phe Arg Met Thr Arg Thr Val Thr Thr Ile Cys Tyr
     29      50                  55                  60
     30 Leu Asn Leu Ala Leu Ala Asp Phe Ser Phe Thr Ala Thr Leu Pro Phe
     31  65                  70                  75                  80
     32 Leu Ile Val Ser Met Ala Met Gly Glu Lys Trp Pro Phe Gly Trp Phe
     33                  85                  90                  95
     34 Leu Cys Lys Leu Ile His Ile Val Val Asp Ile Asn Leu Phe Gly Ser
     35              100                 105                 110
     36 Val Phe Leu Ile Gly Phe Ile Ala Leu Asp Arg Cys Ile Cys Val Leu
     37          115                 120                 125
     38 His Pro Val Trp Ala Gln Asn His Arg Thr Val Ser Leu Ala Met Lys
     39      130                 135                 140
     40 Val Ile Val Gly Pro Trp Ile Leu Ala Leu Val Leu Thr Leu Pro Val
     41 145                 150                 155                 160
     42 Phe Leu Phe Leu Thr Thr Val Thr Ile Pro Asn Gly Asp Thr Tyr Cys
     43                  165                 170                 175
     44 Thr Phe Asn Phe Ala Ser Trp Gly Gly Thr Pro Glu Glu Arg Leu Lys
     45              180                 185                 190
     46 Val Ala Ile Thr Met Leu Thr Ala Arg Gly Ile Ile Arg Phe Val Ile
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52 Arg Val Leu Thr Ala Val Val Ala Ser Phe Phe Ile Cys Trp Phe Pro
53             245             250             255
54 Phe Gln Leu Val Ala Leu Leu Gly Thr Val Trp Leu Lys Glu Met Leu
55             260             265             270
56 Phe Tyr Gly Lys Tyr Lys Ile Ile Asp Ile Leu Val Asn Pro Thr Ser
57         275             280             285
58 Ser Leu Ala Phe Phe Asn Ser Cys Leu Asn Pro Met Leu Tyr Val Phe
59     290             295             300
60 Val Gly Gln Asp Phe Arg Glu Arg Leu Ile His Ser Leu Pro Thr Ser
61 305             310             315             320
62 Leu Glu Arg Ala Leu Ser Glu Asp Ser Ala Pro Thr Asn Asp Thr Ala
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64 Ala Asn Ser Ala Ser Pro Pro Ala Glu Thr Glu Leu Gln Ala Met
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69 <212> TYPE: DNA
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75 gtcctgggca atgggcttgt gatctgggtg gctggattcc ggatgacacg cacagtcacc   180
76 accatctgtt acctgaacct ggccctggct gacttttctt tcacggccac attaccattc   240
77 ctcattgtct ccatggccat gggagaaaaa tggccttttg gctggttcct gtgtaagtta   300
78 attcacatcg tggtggacat caacctcttt ggaagtgtct tcttgattgg tttcattgca   360
79 ctggaccgct gcatttgtgt cctgcatcca gtctgggccc agaaccaccg cactgtgagt   420
80 ctggccatga aggtgatcgt cggaccttgg attcttgctc tagtccttac cttgccagtt   480
81 ttcctctttt tgactacagt aactattcca aatggggaca catactgtac tttcaacttt   540
82 gcatcctggg gtggcacccc tgaggagagg ctgaaggtgg ccattaccat gctgacagcc   600
83 agagggatta tccggtttgt cattggcttt agcttgccga tgtccattgt tgccatctgc   660
84 tatgggctca ttgcagccaa gatccacaaa aagggcatga ttaaatccag ccgtccctta   720
85 cgggtcctca ctgctgtggt ggcttctttc ttcatctgtt ggtttccctt tcaactggtt   780
86 gcccttctgg gcaccgtctg gctcaaagag atgttgttct atggcaagta caaaatcatt   840
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88 ctttacgtct ttgtgggcca agacttccga gagagactga tccactccct gcccaccagt   960
89 ctggagaggg ccctgtctga ggactcagcc ccaactaatg acacggctgc caattctgct  1020
90 tcacctcctg cagagactga gttacaggca atg                              1053
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93 <211> LENGTH: 24
94 <212> TYPE: PRT
95 <213> ORGANISM: Human
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101             20          24
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RAW SEQUENCE LISTING   DATE: 12/28/2004
PATENT APPLICATION: US/10/517,956   TIME: 11:41:47

Input Set : A:\PTO.YF.txt
Output Set: N:\CRF4\12282004\J517956.raw

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115 <211> LENGTH: 24
116 <212> TYPE: PRT
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126 <211> LENGTH: 21
127 <212> TYPE: PRT
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134            20   21
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173 <212> TYPE: PRT
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180             20                  25                  30
181 Leu Ser Ile Thr Phe Val Leu Gly Val Leu Gly Asn Gly Leu Val Ile
182         35                  40                  45
183 Trp Val Ala Gly Phe Arg Met Val His Thr Val Thr Thr Thr Cys Phe
184     50                  55                  60
185 Leu Asn Leu Ala Leu Ala Asp Phe Ser Phe Thr Val Thr Leu Pro Phe
186 65                  70                  75                  80
187 Phe Val Ile Ser Ile Ala Met Lys Glu Lys Trp Pro Phe Gly Trp Phe
188                 85                  ·90                  95
189 Leu Cys Lys Leu Val His Ile Val Val Asp Ile Asn Leu Phe Gly Ser
190             100                 105                 110
191 Val Phe Leu Ile Ala Leu Ile Ala Leu Asp Arg Cys Ile Cys Val Leu
192         115                 120                 125
193 His Pro Val Trp Ala Gln Asn His Arg Thr Val Ser Leu Ala Arg Lys
194     130                 135                 140
195 Val Val Val Gly Pro Trp Ile Leu Ala Leu Ile Leu Thr Leu Pro Ile
196 145                 150                 155                 160
197 Phe Ile Phe Met Thr Thr Val Arg Ile Pro Gly Gly Asn Val Tyr Cys
198                 165                 170                 175
199 Thr Phe Asn Phe Ala Ser Trp Gly Asn Thr Ala Glu Glu Leu Leu Asn
200             180                 185                 190
201 Ile Ala Asn Thr Phe Val Thr Val Arg Gly Ser Ile Arg Phe Ile Ile
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203 Gly Phe Ile Met Pro Met Ser Ile Val Ala Ile Cys Tyr Gly Leu Ile
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205 Ala Val Lys Ile His Arg Arg Ala Leu Val Asn Ser Ser Arg Pro Leu
206 225                 230                 235                 240
207 Arg Val Leu Thr Ala Val Val Ala Ser Phe Phe Ile Cys Trp Phe Pro
208             245                 250                 255
209 Phe Gln Leu Val Ala Leu Leu Gly Thr Ile Trp Phe Lys Glu Ser Leu
210         260                 265                 270
211 Phe Ser Gly Arg Tyr Lys Ile Leu Asp Met Trp Val His Pro Thr Ser
212         275                 280                 285
213 Ser Leu Ala Tyr Phe Asn Ser Cys Leu Asn Pro Met Leu Tyr Ala Phe
214     290                 295                 300
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215 Met Gly Gln Asp Phe His Glu Arg Leu Ile His Ser Leu Pro Ser Ser
216 305                 310             315                 320
217 Leu Glu Arg Ala Leu Ser Glu Asp Ser Gly Gln Thr Ser Asp Thr Gly
218                 325             330                 335
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220                 340             345                 350
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224 <212> TYPE: DNA
225 <213> ORGANISM: Rat
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230 gtgctgggta atggactagt gatctgggta gctggattcc ggatggtaca cactgtcacc  180
231 actacctgtt ttctgaatct agctttggct gacttctctt tcacagtgac tctaccattc  240
232 tttgtcatct caattgctat gaaagaaaaa tggccttttg gatggttcct gtgtaaatta  300
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239 tatggactca tcgctgtcaa gatccacaga agagcacttg ttaattccag ccgtccatta  720
240 agagtcctta cagcagttgt ggcttccttc tttatctgtt ggtttccctt tcaactggtg  780
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242 gacatgtggg ttcacccaac cagctcattg gcctacttca atagttgcct caatccaatg  900
243 ctctatgctt tcatgggcca ggactttcat gaaagactga ttcattccct gccttccagt  960
244 ctggagagag ccctgagtga ggactctggc caaaccagtg atacaggcat cagttctgct 1020
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248 <211> LENGTH: 351
249 <212> TYPE: PRT
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256                 20              25                  30
257 Val Ser Ile Thr Phe Phe Leu Gly Val Leu Gly Asn Gly Leu Val Ile
258                 35              40                  45
259 Trp Val Ala Gly Phe Arg Met Pro His Thr Val Thr Thr Ile Trp Tyr
260     50              55                  60
261 Leu Asn Leu Ala Leu Ala Asp Phe Ser Phe Thr Ala Thr Leu Pro Phe
262 65              70                  75                  80
263 Leu Leu Val Glu Met Ala Met Lys Glu Lys Trp Pro Phe Gly Trp Phe
264                 85                  90                  95
265 Leu Cys Lys Leu Val His Ile Val Val Asp Val Asn Leu Phe Gly Ser
266                 100                 105                 110
267 Val Phe Leu Ile Ala Leu Ile Ala Leu Asp Arg Cys Ile Cys Val Leu
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VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/517,956**

DATE: 12/28/2004
TIME: 11:41:48

Input Set : **A:\PTO.YF.txt**
Output Set: **N:\CRF4\12282004\J517956.raw**

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L:8 M:271 C: Current Filing Date differs, Replaced Current Filing Date